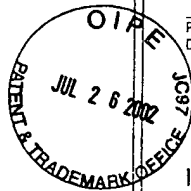


PATENT



Paige E. Snyder
Paige E. Snyder
Date of Signature 23 July 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Cunningham et al.

Group Art Unit: 2811

Serial No.: 10/025,974

Examiner: Not Assigned

Filed: December 19, 2001

Docket No. 1426/3/2

Confirmation No.: 7819

For: MEMS SHUTTER DEVICE HAVING AN ACTUATOR WITH CURVED ELECTRODES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the following references. Copies of the references as well as Form PTO/SB/08A are attached hereto. This is not to be construed as a representation that a search has been made or that a reference is relevant merely because cited.

U.S. Patent No. 6,140,646 to Busta et al. discloses Direct View Infrared MEMS Structure.

U.S. Patent No. 6,177,800 to Kubby et al. discloses Method and Apparatus for Using Shuttered Windows in a Micro-Electro-Mechanical System.

U.S. Patent No. 6,205,267 to Aksyuk et al. discloses Optical Switch.

U.S. Patent No. 6,229,640 to Zhang discloses Microelectromechanical Optical Switch and Method of Manufacture Thereof.

U.S. Patent No. 6,275,320 to Dhuler et al. discloses MEMS Variable Optical Attenuator.

Early passage of the subject application to issue is earnestly solicited.

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Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any deficiencies of payment associated with the filing of this Information Disclosure Statement to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS & WILSON, P.A.

Date: 7-23-02

By: _____

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1426/3/2 JLW/pes

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PATENT TRADEMARK OFFICE

Enclosures



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/025.974
				Filing Date	12/19/2001
				First Named Inventor	Shawn Jay Cunningham
				Art Unit	2811
				Examiner Name	Not Assigned
				Attorney Docket Number	1426/3/2
Sheet	1	of	1		

[illegible][illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/025,974	
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			First Named Inventor	Shawn Jay Cunningham	
			Art Unit	2811	
			Examiner Name	Not Assigned	
Sheet	1	of	1	Attorney Docket Number	1426/3/2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US- 6140646	10/31/2000	Busta et al.	
	2	US- 6177800	01/23/2001	Kubby et al.	
	3	US- 6205267	03/20/2001	Aksyuk et al.	
	4	US- 6229640	05/08/2001	Zhang	
	5	US- 6275320	08/14/2001	Dhuler et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
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